WATER, AIR AND SOIL POLLUTION / *Volume 109 Nos. 1–4 January 1999*

N. PAPASSIOPI, S. TAMBOURIS and A. KONTOPOULOS / Removal of Heavy Metals from Calcareous Contaminated Soils by EDTA Leaching 1–15

T.C. HUTCHINSON, S.A. WATMOUGH, E.P.S. SAGER and J.D. KARAGATZIDES / The Impact of Simulated Acid Rain and Fertilizer Application on a Mature Surgar Maple (*Acer Saccharum* Marsh.) Forest in Central Ontario Canada 17–39

G. RASMUSSEN and S. ANDERSEN / Episodic Release of Arsenic, Copper and Chromium from a Wood Preservation Site Monitored by Transplanted Aquatic Moss 41–52

J. LYON and W.E. SHARPE / An Assessment of the CA:AL Ratios Selected Pennsylvania Forest Soils 53–65

D.W. BOENING and C.M. CHEW / A Critical Review: General Toxicity and Environmental Fate of Three Aqueous Cyanide Ions and Associated Ligands 67–79

E. BRUEGGEMANN and G. SPINDLER / Wet and Dry Deposition of Sulphur at the Site Melpitz in East Germany 81–99

C. VAN DER SALM, W. DE VRIES, M. OLSSON and K. RAULUND-RASMUSSEN / Modelling Impacts of Atmospheric Deposition, Nutrient Cycling and Soil Weathering on the Sustainability of Nine Forest Ecosystems 101–135

J. ZAYED, J. PITRE, M. RIVARD and S. LORANGER / Evaluation of Pollutant Emissions Related to the Use of MMT in Gasoline 137–146

A.G. NORD and K. HOLENYI / Sulphur Deposition and Damage on Limestone and Sandstone in Stockholm City Buildings 147–162

V.T. BRESLIN / Retention of Metals in Agricultural Soils After Amending with MSW and MSW-Biosolids Compost 163–178

D.O. ROSENBERRY, P.A. BUKAVECKAS, D.C. BUSO, G.E. LIKENS, A.M. SHAPIRO and T.C. WINTER / Movement of Road Salt to a Small New Hampshire Lake 179–205

I.T. URASA and S.F. MACHA / Investigation into Heavy Metal Uptake by Waste Water SLudges 207–218

I.M.C. LO and X.Y. YANG / EDTA Extraction of Heavy Metals from Different Soil Fractions and Synthetic Soils 219–236

J.W. ERISMAN, J.E.M. HOGENKAMP, E.M. VAN PUTTEN, J.W. UITERWIJK, E. KEMKERS, C.J. WIESE and M.G. MENNEN / Long-term Continuous Measurements of SO_2 Dry Deposition over the Speulder Forest 237–262

J.L. BADER, G. GONZALEZ, P.C. GOODELL, A.S. ALI and S.D. PILLAI / Chromium-Resistant Bacterial Populations from a Site Heavily Contaminitaed with Hexavalent Chromium 263–276

M.R. BARTSCH, W.G. COPE and R.G. RADA / Effects of Cadmium-Spiked Sediment on Cadmium Accumulation and Bioturbation by Nymphs of the Burrowing *Hexagenia Bilineata* 277–292

X. XINHUA, W. DAHUI, J. HONG and S. HUIXIANG / Study on Greenhouse Gas Emissions in Jiangsu Province 293–301

Y.C. LI, A.K. ALVA and D.V. CALVERT / Transport of Phosphorus and Fractionation of Residual Phosphorus in Various Horizons of a Spodosol 303–312

A. SINGER and W.F.A. KIRSTEN and C. BÜHMANN / A Proposed Fog Deposition Mechanism for the Formation of Salf Efflorescences in the Mpumalanga Highveld, Republic of South Africa 313–325

D.C. SMITH, E. SENIOR and H.M. DICKS / Irrigation of Soil with Synthetic Landfill Leachate – Breakthrough Behaviour of Selected Pollutants 327–342

W.A. JACKSON and J.H. PARDUE / Potential for Enhancement of Biodegradation of Crude Oil in Louisiana Salt Marshes Using Nutrient Amendments 343–355

K.D. VAN DEN HOUT, D.J. BAKKER, J.M. BERDOWSKI, J.A. VAN JAARSVELD, G.J. REINDS, J. BRIL, A. BREEUWSMA, J.E. GROENENBERG, W. DE VRIES, J.A. VAN PAGEE, M. VILLARS and C.J. SLIGGERS / The Impact of Atmospheric Deposition of Non-Acidifying Substances on the Quality of European Forest Soils and the North Sea 357–396

I. ANGUISSOLA SCOTTI, S. SILVA and C. BAFFI / Effects of Fly Ash pH on the Uptake of Heavy Metals by Chicory 397–406

S. SENICZAK, J. DĄBROWSKI, A. KLIMEK and S. KACZMAREK / Effect of Alkaline Deposition on the Mites (ACARI) Associated with Young Scots Pine Forests in Poland 407–428

N.S. ABUZAID, Z. AL-HAMOUZ, A.A. BUKHARI and M.H. ESSA / Electrochemical Treatment of Nitrite Using Stainless Steel Electrodes 429–442

Author Index 443–444

Water, Air, and Soil Pollution is an international, interdisciplinary journal on all aspects of pollution and solutions to pollution in the biosphere. This includes chemical, physical and biological processes affecting flora, fauna, water, air and soil in relation to environmental pollution. Because of its scope, the subject areas are diverse and include all aspects of pollution sources, transport, deposition, accumulation, acid precipitation, atmospheric pollution, metals, aquatic pollution including marine pollution and ground water, waste water, pesticides, soil pollution, sewage, sediment pollution, forestry pollution, effects of pollutants on humans, vegetation, fish, aquatic species, micro-organisms, animals, ecological implications of pollution and pollution models. *Water, Air, and Soil Pollution* also publishes manuscripts on methods used in the study of environmental pollutants, environmental toxicology, environmental biology, environmental engineering related to pollution, biodiversity as influenced by pollution, environmental biotechnology as applied to pollution (e.g. bioremediation), environmental modelling and biorestoration of polluted environments.

Photocopying. *In the U.S.A.*: This journal is registered at the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923.

Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Kluwer Academic Publishers for users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the fee of USD 16.00 per copy is paid directly to CCC. For those organizations that have been granted a photocopy licence by CCC, a separate system of payment has been arranged. The fee code for users of the Transactional Reporting Service is 0049–6979/99 USD 16.00.
Authorization does not extend to other kinds of copying, such as that for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.
In the rest of the world: Permission to photocopy must be obtained from the copyright owner. Please apply to Dordrecht office.

Water, Air, and Soil Pollution is published monthly.
Subscription price (1999): NLG 5120.–/USD 2560.00 including postage and handling.
Periodicals postage paid at Rahway, N.J. USPS No. 913–880.
U.S. Mailing Agent: Mercury Airfreight International Ltd., 2323 Randolph Ave., Avenel, NJ 07001.
Published by Kluwer Academic Publishers, Spuiboulevard 50, P.O. Box 17, 3300 AA Dordrecht, The Netherlands, and 101 Philip Drive, Norwell, MA 02061, U.S.A.
Postmaster: Please send all address corrections to: *Water, Air, and Soil Pollution*, c/o Mercury Airfreight International Ltd., 2323 Randolph Ave., Avenel, NJ 07001, U.S.A.

Printed on acid-free paper